



6AT8

TRIODE-PENTODE CONVERTER

9-PIN MINIATURE TYPE

6AT8

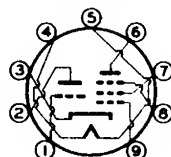
The 6AT8 is the same as the 6X8 except for the following items:

Direct Interelectrode Capacitances:

	Without External Shield	With External Shield ^o	
Triode Unit:			
Grid to plate.	1.5	1.5	μmf
Grid to cathode and heater	2	2.4	μmf
Plate to cathode and heater	0.5	1	μmf
Pentode Unit:			
Grid No.1 to plate . .	0.025 max.	0.016 max.	μmf
Grid No.1 to cathode, grid No.3, grid No.2, and heater	4.5	4.7	μmf
Plate to cathode, grid No.3, grid No.2, and heater	0.9	1.6	μmf
Pentode grid No.1 to triode plate	0.05 max.	0.04 max.	μmf
Pentode plate to triode plate	0.05 max.	0.007 max.	μmf
Heater to cathode. . .	6.5	6.5 [•]	μmf
Pentode Unit Connected as Triode:[▲]			
Grid No.1 to plate and grid No.2.	1.3	1.3	μmf
Grid No.1 to cathode, grid No.3, and heater	3	3.3	μmf
Plate to cathode, grid No.3, and heater . .	1.7	2.5	μmf

Basing Designation for BOTTOM VIEW 9DW

- Pin 1 - Triode Grid
- Pin 2 - Triode Plate
- Pin 3 - Cathode
- Pin 4 - Heater
- Pin 5 - Heater
- Pin 6 - Pentode Plate



- Pin 7 - Pentode
Grid No.2
- Pin 8 - Pentode
Grid No.3
- Pin 9 - Pentode
Grid No.1

^o With external shield JETEC No.316 connected to pin No.5, except as noted.

[•] With external shield JETEC No.316 connected to ground.

[▲] Grid No.3 connected to cathode, and grid No.2 connected to plate.

Curves shown under Type 6X8 also apply to the 6AT8

← Indicates a change.

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DATA